

# GIS REGISTRY INFORMATION

SITE NAME: GREEN BAY FIRE DEPARTMENT #3  
BRRTS #: 03-05-001013  
CLOSURE DATE: 08/12/2002  
STREET ADDRESS: 885 SHAWANO AVENUE  
CITY: GREEN BAY

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):

X= 676525

Y= 451454

OFF-SOURCE CONTAMINATION (>ES):

☐ Yes

☒ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection):

X=

Y=

IF YES, STREET ADDRESS 2:

GPS COORDINATES (meters in WTM91 projection):

X=

Y=

IF YES, STREET ADDRESS 3:

GPS COORDINATES (meters in WTM91 projection):

X=

Y=

IF YES, STREET ADDRESS 4:

GPS COORDINATES (meters in WTM91 projection):

X=

Y=

IF YES, STREET ADDRESS 5:

GPS COORDINATES (meters in WTM91 projection):

X=

Y=

SOIL CONTAMINATION >GENERIC OR SITE-SPECIFIC RCL:

☐ Yes

☒ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection):

X=

Y=

IF YES, STREET ADDRESS 2:

GPS COORDINATES (meters in WTM91 projection):

X=

Y=

CONTAMINATION IN RIGHT OF WAY:

☐ Yes

☒ No

## DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued

☒

Copy of most recent deed, including legal description, for all affected properties

☒

Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties

☐

County Parcel ID number, *if used for county*, for all affected properties

☐

Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.

☐

☐

☒

**Detailed Site Map(s) for all affected properties**, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or site-specific residual contaminant levels.

X

**Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)**

X

**Tables of Latest Soil Analytical Results (no shading or cross-hatching)**

**Isoconcentration map(s), if required for site investigation (SI)** (8.5x14" if paper copy).

The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**

**GW: Table of water level elevations, with sampling dates, and free product noted if present**

X

**GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)**

X

**SOIL: Latest horizontal extent of contamination exceeding generic or site-specific RCLs, with one contour.**

**Geologic cross-sections, if required for SI.** (8.5x14' if paper copy)

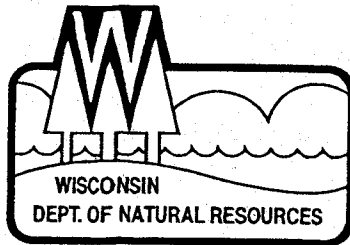
**RP certified statement that legal descriptions are complete and accurate**

**Copies of off-source notification letters (if applicable)**

**Letter informing ROW owner of residual contamination (if applicable)**(public, highway or railroad ROW)

**Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure.**

X



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor  
Darrell Bazzell, Secretary  
Ronald W. Kazmierczak, Regional Director

Remediation and Redevelopment  
1125 North Military Avenue  
P.O. Box 10448  
Green Bay, Wisconsin 54307-0448  
Telephone 920-492-5916  
FAX 920-492-5859  
TTY 920-492-5812

August 12, 2002

Mr. Jon Mueller  
City of Green Bay - Engineering Department  
100 North Jefferson Street  
Green Bay, WI 54301-5026

SUBJECT: Final Case Closure By Closure Committee With Conditions Met  
Green Bay Fire Department - Station #3, 885 Shawano Avenue,  
Green Bay, Wisconsin  
WDNR BRRTS #: 03-05-001013

Dear Mr. Mueller:

On March 22, 1999 your site as described above was reviewed for closure by the Northeast Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On March 29, 1999, you were notified that the Closure Committee had granted conditional closure to this case.

On August 12, 2002 the Department received correspondence indicating that you have complied with the conditions of closure which included the filing of a groundwater use restriction with the Brown County Register of Deeds office. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be listed on the Department's Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwurl/index.htm>

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

This Indenture, Made the Eighth day of May 1876  
 in the year of our Lord One Thousand Eight hundred and Seventy Six  
 Between John Anderson and Ellen his Wife of the County of Adams State of Wisconsin  
 of the first part and

The City of East Wisconsin of the second part.

WITNESSETH, That the said parties of the first part, for and in consideration of the sum of Five  
Hundred Dollars (\$500.) to them in hand paid by  
 the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have Given, Grant-  
 ed, Bargained, Sold, Remised, Released, Aliened, Conveyed and Confirmed, and by these presents do Give, Grant, Bargain,  
 Sell, Release, Release, alien, Convey and Confirm unto the said party of the second part all that certain tract, piece, or parcel of land, situate, lying and being in the Coun-  
 ty of Brown State of Wisconsin, and particularly described as follows, to wit:

Private (Chain No. 1) West side of the River formerly owned by W. B. Park  
bounded as follows: Beginning at the Center of the West River Road, four Chained  
and fifty four links West from the Corner of the Township there situated in the  
Center of said Road, then running and being four Chained and thirty four  
links to the South line of said Road, thence Eastward, along  
said line four Chained and thirty four links, thence Northward four Chained and  
links to the piece of land formerly owned by said City of East Wisconsin, thence  
Westward to be at right angles with the East and South lines.

Together with all and singular the Hereditaments and Appurtenances thereunto belonging or in any wise appertaining; and  
 all the Estate, Right, Title, Interest, Claim or Demand whatsoever of the said parties of the first part, either in  
 Law or Equity, either in possession or expectancy of, in and to the above bargained premises, and their Hereditaments  
 and Appurtenances, To Have and to Hold the said premises, as above described, with the Hereditaments and Appurten-  
 ances, unto the said party of the second part, and to their heirs and assigns, forever.

And the said John Anderson  
 for himself, his heirs, executors and administrators, do covenant, grant, bargain and agree to and with the said  
 party of the second part, his heirs and assigns, that at the time of the execution and delivery of these  
 presents, he is well seized of the premises above described, as a good, sure, perfect, absolute and indefeas-  
 ible Estate of Inheritance in the Law, in fee simple, and that the same are free and clear of all incumbrances whatever.

and that the above bargained premises in the quiet and peaceable possession of the said party of the second  
 part, his heirs and assigns, against all and every person or persons lawfully claiming the whole or any  
 part thereof. He will forever Warrant and Defend.

In Witness Whereof, The said parties of the first part have hereunto set their hands and seals the day and  
 year first above written.

Signed, Sealed, and Delivered in Presence of

Verdine C. Crowley  
Robert Anderson

John Anderson [SEAL]  
Ellen Anderson [SEAL]  
John Anderson [SEAL]

State of Wisconsin, } So it Remembered, That on the Eighth day of May  
 County of Adams } A. D. 1876 personally appeared before me the above named John Anderson  
and Ellen Anderson his Wife  
 to me known to be the persons who executed the foregoing Deed, and acknowledged the same to be their free and  
 and deed, for the uses and purposes therein mentioned, that the same were executed and acknowledged before me.

Witness my hand  
 this 30th day of May 1876  
W. B. Park Notary Public

Verdine C. Crowley  
Robert Anderson

1915763

Document Number

GROUNDWATER USE RESTRICTION

BROWN COUNTY  
REGISTER OF DEEDS  
CATHY WILLIQUETTE

2002 JUL 26 P 1:43

Declaration of Restrictions

In re: That part of Private Claim 1, West Side of the Fox River, City of Green Bay, Brown County, Wisconsin, bounded as follows: On the West by Bernt Olson's Plat; On the East by Hazel Street; On the North by Shawano Avenue; On the South by Christiana Street, and as more particularly described in Vol. 34, Page 20 of the Brown County Register of Deeds office.

DEEDS

NO DOCUMENT NUMBER AVAILABLE  
T.H.G.

Recording Area

Name and Return Address

Mr. Jon Mueller  
City of Green Bay - Engineering  
100 North Jefferson Street  
Green Bay, WI 54301-5026

1588  
3

STATE OF WISCONSIN )  
COUNTY OF BROWN ) ss

3-876-1

Parcel Identification Number (PIN)

WHEREAS, the City of Green Bay, formerly known as the City of Fort Howard, is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred at this property. Benzene contaminated groundwater above the NR 140 enforcement standard exists on this property at the following location(s): Near the former location of the groundwater monitoring sump (Sump) at a concentration of 63.3 parts per billion (ppb) which is above the NR 140 enforcement standard of 5.0 ppb for Benzene. Location of monitoring wells and borings are provided on Figure 4 attached and made part of this restriction.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct additional soil or groundwater remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by ch. NR 811 and ch. NR 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific prohibitions or requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by, the Wisconsin Department of Natural Resources, its successors and assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that the restrictions set forth in this covenant are no longer required. Upon receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this groundwater use restriction is no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 25<sup>th</sup> day of July, 2002.

By signing this document, Paul F. Jadin acknowledges that [he/she] is duly authorized to sign this document on behalf of the City of Green Bay, formerly known as the City of Fort Howard.

Signature: 

Printed Name: Paul F. Jadin

Title: Mayor

Subscribed and sworn to before me

this 25<sup>th</sup> day of July, 2002.

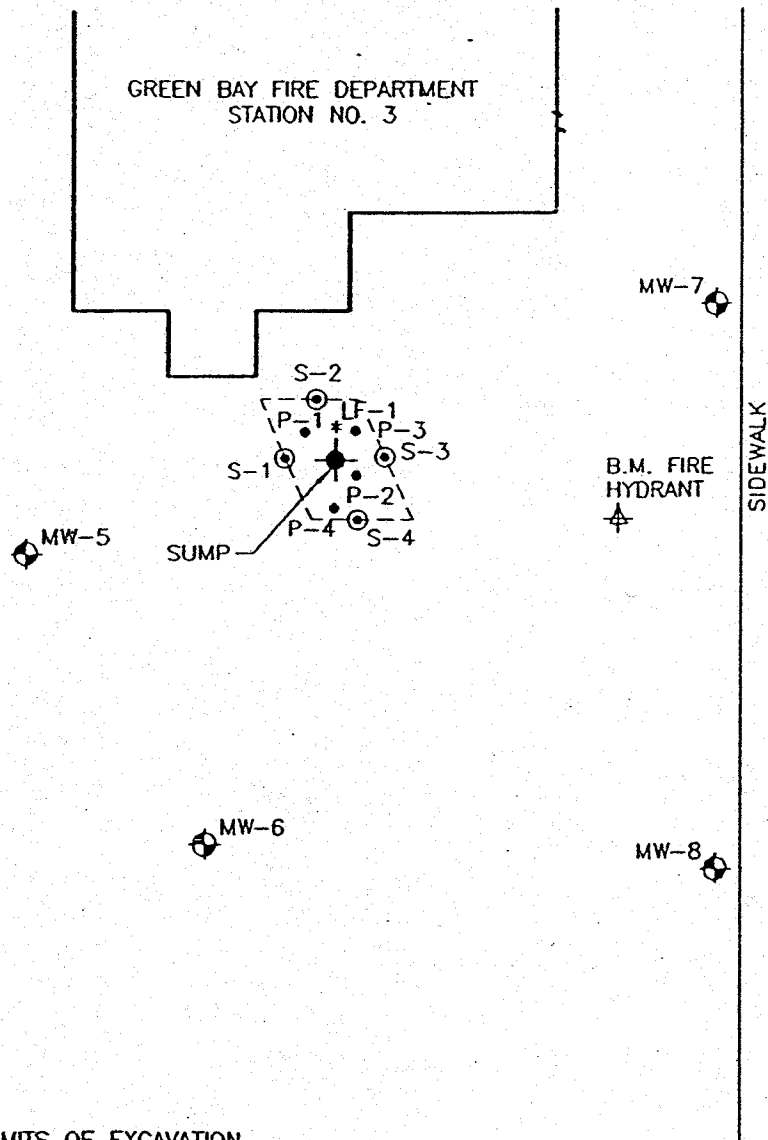


Beth A. Carpenter  
Notary Public, State of Wisconsin

My commission expires April 23, 2006.

This document was drafted by the Wisconsin Department of Natural Resources.

1915763



# LEGEND

- APPROXIMATE LIMITS OF EXCAVATION
- ◈ MONITORING WELL
- ⊙ SOIL SAMPLE
- PID SAMPLE
- \* LANDFILL SAMPLE

Petroleum contaminated groundwater remains near the location of the former groundwater monitoring sump.

APPROXIMATE LIMITS OF EXCAVATION  
CITY OF GREEN BAY  
FIRE STATION NO. 3  
GREEN BAY, WISCONSIN

DRAWN BY	RAB	9-17-98
CHECKED BY	PJM	9-17-98
APPROVED BY		
CADFILE G333801.dwg	SCALE 1" = 30'	



ROUTE 833  
801.dwg  
7/1998 09:46



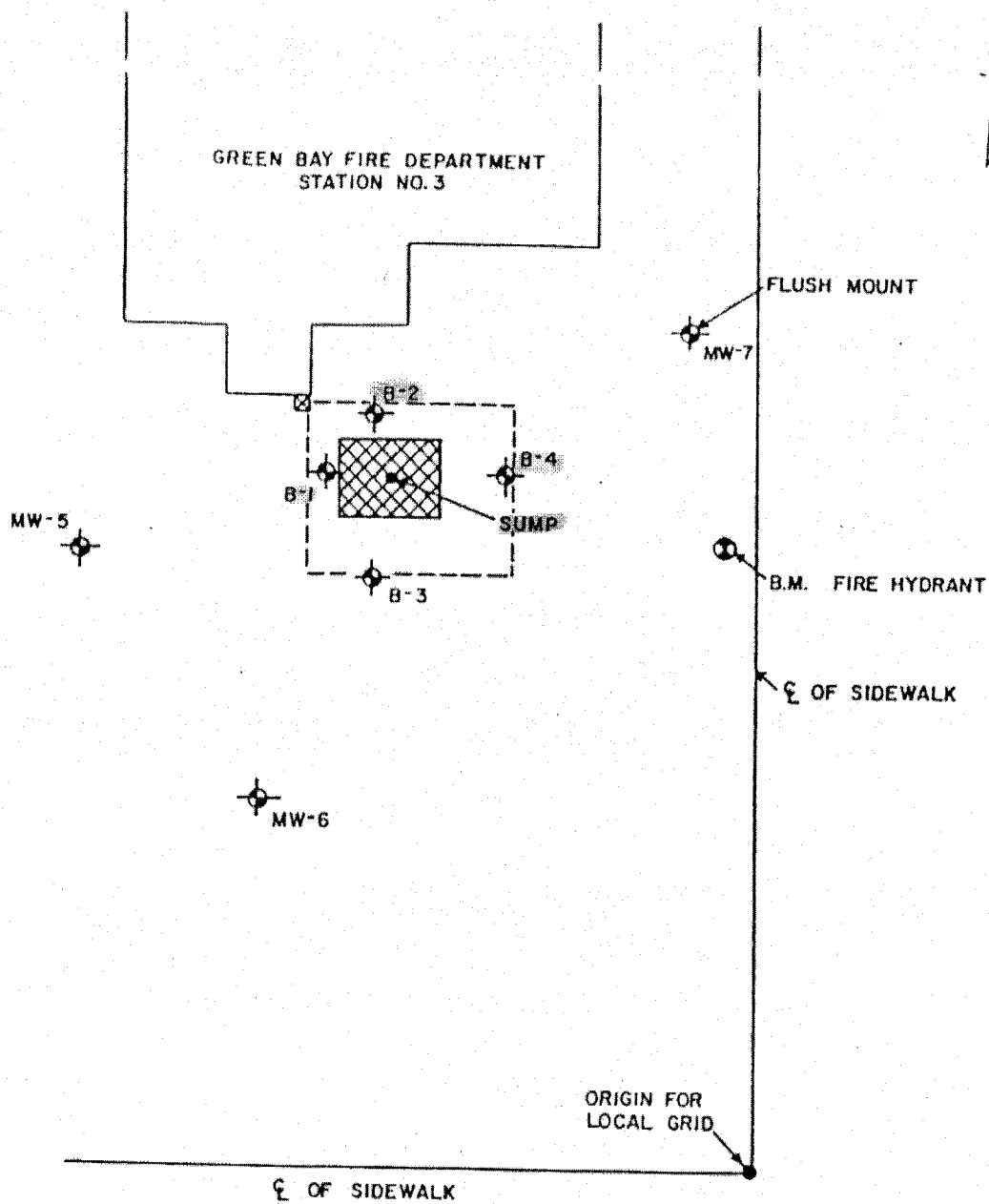
STS Consultants Ltd.  
Consulting Engineers

PROJECT/CLIENT

**SITE LOCATION DIAGRAM  
CITY OF GREEN BAY  
FIRE STATION NO. 1  
GREEN BAY, WISCONSIN**

DRAWN BY	P.M.P.	12-10-92
CHECKED BY	gcl	12/16/92
APPROVED BY	mas	
SCALE AS NOTED	FIGURE NO. 1	
STS DRAWING NO. 16338WA		





NR720 excudance  
NR140 ES excudance

*Site Investigation*

#### LEGEND

- APPROXIMATE EXTENT OF IMPACTED SOILS
- +
+
+
+
 SOIL BORING AND MONITORING WELL LOCATIONS
- TANK EXCAVATION



STS Consultants Ltd.  
Consulting Engineers

#### PROJECT/CLIENT

APPROXIMATE EXTENT OF IMPACTED SOIL  
CITY OF GREEN BAY  
FIRE STATION NO. 3  
GREEN BAY, WISCONSIN

DRAWN BY	P.M.P.	12-10-92
CHECKED BY	J.C.L.	11/16/92
APPROVED BY		
SCALE 1" = 25'	FIGURE NO 4	
STS DRAWING NO 18338XF		

**Table 3**  
**Groundwater**  
**Analytical Results**  
**Fire Station #3**  
**885 Shawano Ave.**  
**Green Bay, Wisconsin**

All Concentrations Reported in (µg/L)									
Date	Well I.D.	Benzene	Ethylbenzene	Toluene	Naphthalene	MTBE	Total Xylenes	Gasoline Range Organics	Lead
8/7/92	Sump	<del>7380</del>	637	<del>2580</del>	<del>290</del>	<del>213</del>	<del>2336</del>	31,000	ND
8/31/93		<0.6	<2.0	<3.1	<4.7	<1.3	<3	NA	NA
5/21/98		<del>45.3</del>	18.5	6.51	NA	<1.0	15.58	NA	NA
9/8/98		<del>63.3</del>	3.0	4.3	NA	<1.0	16.99	NA	NA
8/7/92	MW-5	<0.6	<2.0	<3.1	<4.7	<1.3	<3	ND	ND
8/31/93		<0.6	<2.0	<3.1	<4.7	<1.3	<3	NA	NA
9/8/98		<0.5	<1.0	<1.0	NA	<1.0	<2.0	NA	NA
8/7/92	MW-6	<0.6	<2.0	<3.1	<4.7	<1.3	<3	ND	ND
8/31/93		<0.6	<2.0	<3.1	<4.7	<1.3	<3	NA	NA
9/8/98		<0.5	<1.0	<1.0	NA	<1.0	<2.0	NA	NA
8/7/92	MW-7	<0.6	<2.0	<3.1	<4.7	<1.3	<3	ND	ND
8/31/93		<0.6	<2.0	<3.1	<4.7	<1.3	<3	NA	NA
9/8/98		<0.5	<1.0	<1.0	NA	<1.0	<2.0	NA	NA
8/31/93	MW-8	<0.6	<2.0	<3.1	<4.7	<1.3	<3	NA	NA
9/8/98		<0.5	<1.0	<1.0	NA	<1.0	<2.0	NA	NA
Enforcement Standard (ES)		5	700	343	40	60	620	---	15
Preventive Action Limit (PAL)		0.5	140	68.8	8	12	124	---	1.5
<div>637</div>		PAL Exceedance							
<div>45.3</div>		ES Exceedance							
* : See Analytical Sheets for VOC's									
ND : No Detection									
NA : Not Analyzed									

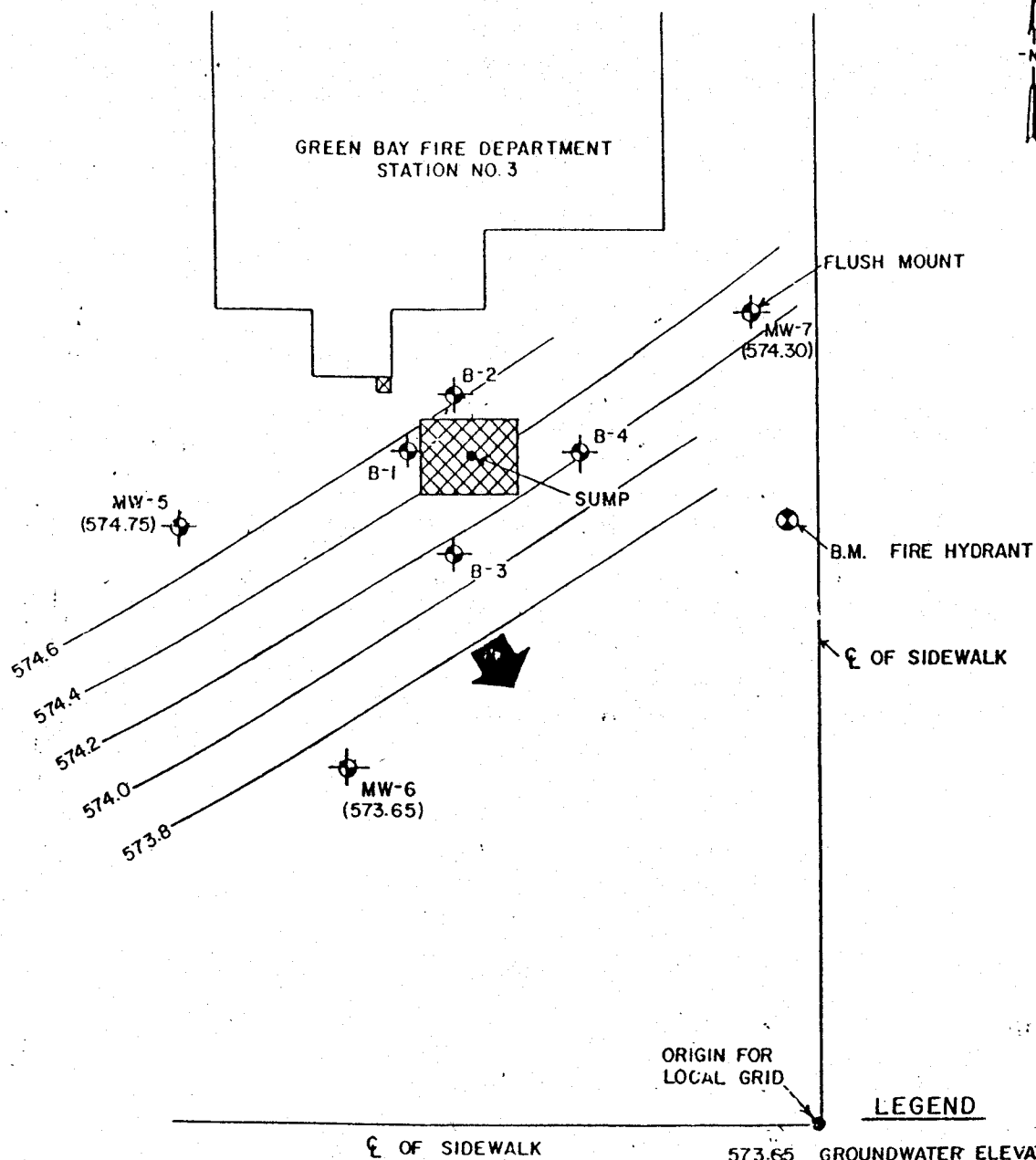
*Pre remediation*

*All samples analyzed for VOC's*

**Table 1**  
**Groundwater Elevations**  
**and Natural Attenuation Parameters**  
**Fire Station #3**  
**855 Shawano Ave.**  
**Green Bay, Wisconsin**

Date	Well I.D.	Depth to Water TPVC (Feet)	Elevation TPVC (Feet)	Groundwater Elevation (Feet)	pH	Temp (f.c)	Conductivity (µmhos/cm)	Turbidity	Dissolved Oxygen (ppm)	Ferrous Iron (ppm)	Sulfate (ppm)	Nitrate/ Nitrite (ppm)	Remarks
8/6/92	Sump	7.55	587.25	579.70	6.99	19.4 c	1590	Clear	NA	NA	NA	NA	Slight Sheen
8/31/93		4.90		582.35	6.54	73 f	550	Slight	NA	NA	NA	NA	Slight Sheen
9/8/98		7.00		580.25	7.16	19.3 c	516	Slight	1	0.2	14.3	1.26	Slight Sheen
12/10/98		6.53		580.72	7.33	9c	---	Clear	3	<1	18.1	<0.3	Slight Sheen
8/6/92	MW-5	8.62	587.50	578.88	7.18	16 c	890	Slight	NA	NA	NA	NA	
8/31/93		8.18		579.32	6.1	68 f	800	Clear	NA	NA	NA	NA	
9/8/98		9.43		578.07	6.95	17.1 c	1154	Clear	1	0.1	26.3	8.07	
12/10/98		8.75		578.75	7.03	9c	---	Clear	3	<1	34.2	5.93	
8/6/92	MW-6	9.96	587.74	577.78	6.96	13 c	1770	Clear	NA	NA	NA	NA	
8/31/93		6.75		580.99	6.07	64 f	1690	Clear	NA	NA	NA	NA	
9/8/98		11.65		576.09	6.94	15 c	1528	Clear	<1	0.1	277	5.72	
12/10/98		9.60		578.14	6.92	9c	---	Clear	3	<1	224	4.81	
8/6/92	MW-7	6.30	584.73	578.43	7.31	16.8 c	1260	Clear	NA	NA	NA	NA	
8/31/93		5.72		579.01	6.45	68 f	1230	Clear	NA	NA	NA	NA	
9/8/98		7.00		577.73	6.99	17.2 c	1683	Clear	1	0.1	60.3	1.47	
12/10/98		6.40		578.33	6.97	9c	---	Clear	3	<1	57	<0.3	
8/31/93	MW-8	8.62	588.04	579.42	6.54	63 f	1330	Clear	NA	NA	NA	NA	
9/8/98		11.06		576.98	7.05	15.1 c	1522	Clear	<1	0.1	91.8	0.765	
12/10/98		9.5		578.54	6.05	9c	---	Clear	3.00	<1	84.9	7.5	

TPVC = Top of PVC  
 ppm = parts per million  
 f = fahrenheit  
 c = celsius



# LEGEND

- 573.65 GROUNDWATER ELEVATION 8-6-92
- B-1 SOIL BORING AND MONITORING WELL LOCATIONS
- TANK EXCAVATION
- FLOW DIRECTION
- GROUNDWATER CONTOUR

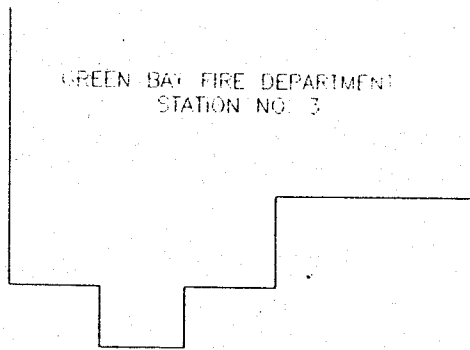


Consultants Ltd  
Civil Engineers

PROJECT/CLIENT

GROUNDWATER CONTOUR MAP 8-6-92  
CITY OF GREEN BAY  
FIRE STATION NO. 3  
GREEN BAY, WISCONSIN

DRAWN BY	P.M.P.	12-10-92
CHECKED BY	J.L.D.	12/16/92
APPROVED BY		
SCALE 1" = 25'	FIGURE NO 3	
S-3 DR. WIS. NO. 18338XF		



GREEN BAY FIRE DEPARTMENT  
STATION NO. 3

MW-7  
(577.73)

S.M. FIRE  
HYDRANT

SIDEWALK

MW-5  
(578.07)

SUMP

578

577

576

MW-6  
(576.09)

MW-8  
(576.98)

# LEGEND



MONITORING WELL

(526.09) GROUNDWATER ELEVATION (9-4-98)

576 — GROUNDWATER CONTOUR



GROUNDWATER FLOW DIRECTION



STS Consultants Ltd.  
Consulting Engineers

GROUNDWATER CONTOUR MAP (9-4-98)  
CITY OF GREEN BAY  
FIRE STATION NO. 3  
GREEN BAY, WISCONSIN

DRAWN BY	DJM	10-6-98
CHECKED BY	PJM	10-6-98
APPROVED BY		
CADFILE G333803A.dwg	SCALE 1"=30'	
STS PROJECT NO. 18338WA	FIGURE NO. 4	

X:\PROJECTS\Dwg98\18338\XF\G333803A.dwg  
10/06/1998 14:05